

EQUIPMENT FOR PARTIAL OXIDATION REACTIONS

Patent number: EP0892760
Publication date: 1999-01-27
Inventor: BASINI LUCA (IT); DONATI GIANNI (IT)
Applicant: SNAM PROGETTI (IT)
Classification:
- **International:** *B01J8/00; B01J8/02; B01J19/00; C01B3/38; B01J8/00; B01J8/02; B01J19/00; C01B3/00; (IPC1-7): C01B3/38; B01J8/00; B01J8/02*
- **European:** B01J8/00D; B01J8/02; B01J19/00E; C01B3/38D
Application number: EP19970919332 19970408
Priority number(s): WO1997EP01803 19970408; IT1996MI00690 19960411

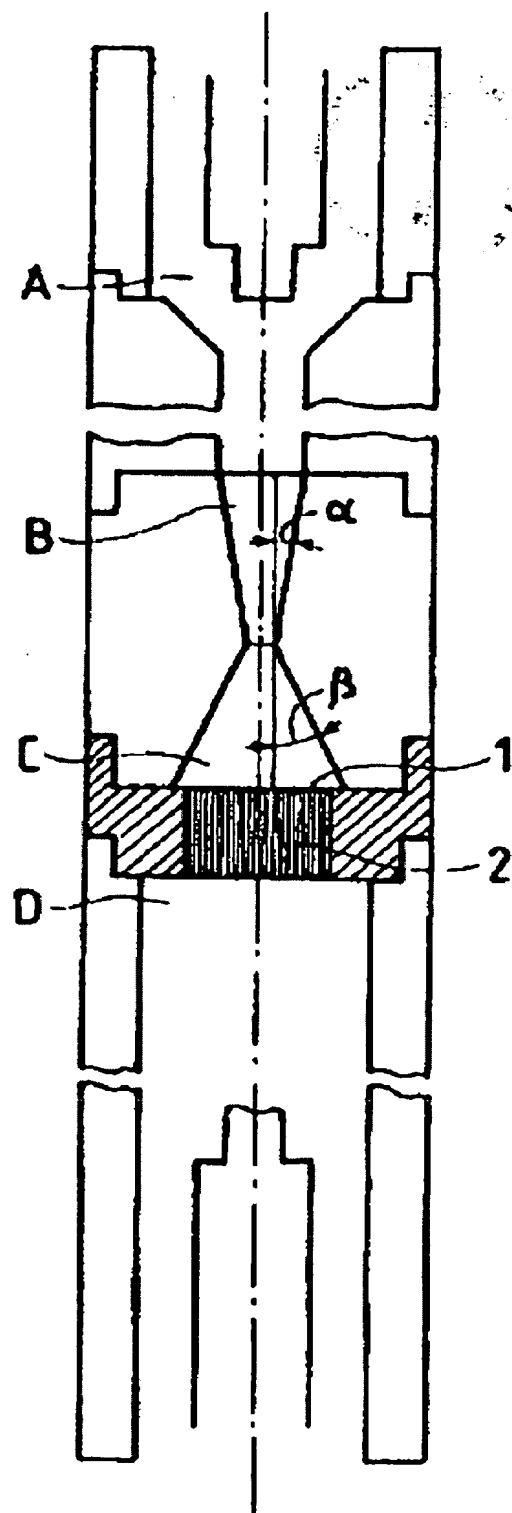
Also published as:

WO9737929 (A)
EP0892760 (B1)
RU2175636 (C2)

Report a data error here

Abstract not available for EP0892760
Abstract of corresponding document: **WO9737929**

Equipment for carrying out partial oxidation reactions characterized in that it essentially comprises four operating zones: a feeding zone (A); a distribution zone (B) with a constant or decreasing section along the axis of the equipment in the direction of the gas propagation, preferably in the form of a cylindrical, truncated-conical or truncated-pyramidal solid, consisting of one or more parts of said solid, optionally substituted by their external or internal envelope curved surface, wherein the angle (α) of the generatrix with the vertical parallel to said axis is between 0 and 65 DEG ; a reaction zone (C), consisting of a catalytic bed, with an increasing section along the axis of the equipment in the direction of the gas propagation, communicating with said distribution zone by means of a common transversal section, preferably in the form of a truncated-conical or truncated-pyramidal solid, consisting of one or more parts of said solid, optionally substituted by their external or internal envelope curve surface, in which the angle (β) of the generatrix with the vertical parallel to said axis is between 5 and 65 DEG ; a gas expansion zone (D).



Data supplied from the *esp@cenet* database - Worldwide